

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-162)

DFW

In the application of:

Fletcher et al.

Serial No.: 10/526,266

Filed: March 2, 2005

Title: Maximum Likelihood Based Interference  
Cancellation for Space-Time Coded Signals )

Art Unit: 2161

Examiner: Not Assigned

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: Office of Initial Patent Examination's  
Filing Receipt Corrections

Sir:

In regard to the above identified application:

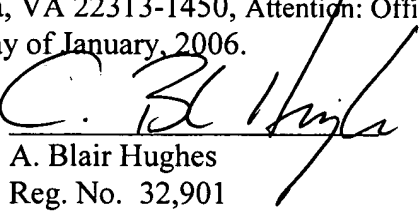
1. We are transmitting herewith the attached:
  - a. Request for Corrected Filing Receipt
  - b. Copy of Filing Receipt with corrections thereon
  - c. Return Receipt Postcard

2. With respect to additional fees:
  - a. Attached is a check in the amount of \$ -0-

3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450, Attention: Office of Initial Patent Examination's Filing Receipt Corrections on this 5th day of January, 2006.

By :

  
A. Blair Hughes  
Reg. No. 32,901

McDONNELL BOEHNEN,  
HULBERT & BERGHOFF LLP  
300 SOUTH WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
TELEPHONE (312) 913-0001



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 05-162)

In the Application of:	)	
	)	
Fletcher et al.	)	Examiner: Not Assigned
	)	
Serial No. 10/526,266	)	
	)	Group Art Unit: 2161
Filed: March 2, 2005	)	
	)	
Title: Maximum Likelihood Based Interference	)	
Cancellation for Space-Time Coded Signals	)	

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: Office of Initial Patent Examination's  
Filing Receipt Corrections

Dear Sir:

1. Attached is a copy of the official filing receipt received from the PTO in the above-referenced application for which issuance of a corrected filing receipt is respectfully requested.
2. There is an error with respect to the following data, which is incorrectly entered.

**Error In:**

Applicant(s):

Paul Nicholas Fletcher, Malvern, UNITED KINGDOM  
Michael Dean, Malvern, UNITED KINGDOM  
Robert Jan Piechocki, Bristol, UNITED KINGDOM  
Andrew Nix, Bristol, UNITED KINGDOM  
Nishan Cangarajah, Bristol, UNITED KINGDOM  
Joe McGeehan, Bristol, UNITED KINGDOM

**Correct Data:**

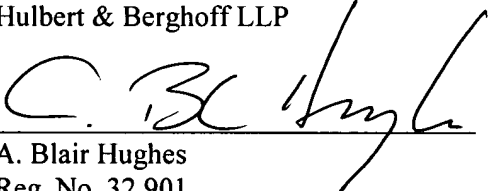
**Applicant(s):**

Paul Nicholas Fletcher, Malvern, UNITED KINGDOM  
Michael Dean, Malvern, UNITED KINGDOM  
Robert Jan Piechocki, Bristol, UNITED KINGDOM  
Andrew Nix, Bristol, UNITED KINGDOM  
Nishan Cangarajah, Bristol, UNITED KINGDOM  
**Joe McGeehn, Bristol, UNITED KINGDOM**

3. The correction is not due to any error by applicant and no fee is due.

Respectfully submitted,  
McDonnell Boehnen  
Hulbert & Berghoff LLP

Date: January 5, 2006

  
A. Blair Hughes  
Reg. No. 32,901



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/526,266	03/02/2005	2161	1280	05-162	5	25	3

CONFIRMATION NO. 7064

020306  
 MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP  
 300 S. WACKER DRIVE  
 32ND FLOOR  
 CHICAGO, IL 60606

## FILING RECEIPT



\*OC000000017148910\*

Date Mailed: 12/07/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Paul Nicholas Fletcher, Malvern, UNITED KINGDOM;  
 Michael Dean, Malvern, UNITED KINGDOM;  
 Robert Jan Piechocki, Bristol, UNITED KINGDOM;  
 Andrew Nix, Bristol, UNITED KINGDOM;  
 Nishan Canagarajah, Bristol, UNITED KINGDOM;  
~~Joe McGeehan, Bristol, UNITED KINGDOM;~~

JOE Mc Geehan

## Assignment For Published Patent Application

QinetiQ Limited

**Power of Attorney:** The patent practitioners associated with Customer Number 020306.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB03/03741 09/01/2003

## Foreign Applications

UNITED KINGDOM 0220399.0 09/03/2002

**Projected Publication Date:** To Be Determined - pending completion of Security Review

**Non-Publication Request:** No

**Early Publication Request: No**

**Title**

Maximum likelihood based interference cancellation for space-time coded signals

**Preliminary Class**

707

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).